IN THE CLAIMS:

Please amend the claims as follows:

1.   (Currently Amended) A <u>method of displaying a spiral scrollbar</u> ~~graphic user interface~~, <u>said method</u> comprising:

~~a non-linear path region that corresponds to a~~ <u>corresponding an entire ordered</u> list of items in a computer application <u>to a spiral trough of said spiral scrollbar, wherein</u> ~~said non-linear path region comprises a spiraling trough progressively winding tighter from an outer periphery region towards a geometric center point~~ <u>a central region of said spiral trough corresponds to one end of said entire ordered list and an outermost region of said spiral trough corresponds to another end of said entire ordered list</u>; <u>and</u>

~~a non-linear rotatable handle region that corresponds to a subset of the items in the list; and~~

~~a display adapted to display said spiraling trough~~

<u>corresponding a thumb region located on a portion of said spiral trough to a subset of contiguous items of said entire ordered list, wherein rotating said thumb region inwardly on said spiral trough allows more rapid scrolling through said entire ordered list, when compared to rotating said thumb region outwardly</u>.

2.   (Currently Amended) The ~~graphic user interface~~ <u>method</u> of claim 1, <u>all the limitation of which are incorporated herein by reference,</u> wherein ~~the non-linear path region~~ <u>said spiral trough</u> comprises a <u>smooth</u> spiral configuration.

3.   (Currently Amended) The ~~graphic user interface~~ <u>method</u> of claim 1, <u>all the limitation of which are incorporated herein by reference,</u> wherein ~~the non-linear path region~~ <u>said spiral trough</u> comprises a ~~square~~ spiral configuration <u>including right angles</u>.

4.   (Canceled).

5. (Currently Amended) The ~~graphic user interface~~ method of claim 1, all the limitation of which are incorporated herein by reference, wherein each ~~of the items in the~~ item of said entire ordered list of items is represented by a fixed proportion of ~~the path region~~ a length of said spiral trough.

6. (Currently Amended) The ~~graphic user interface~~ method of claim 1, all the limitation of which are incorporated herein by reference, wherein ~~the handle~~ said thumb region is proportional to a fixed proportion of ~~the path region~~ a length of said spiral trough.

7. (Currently Amended) The ~~graphic user interface~~ method of claim 5, all the limitation of which are incorporated herein by reference, wherein the fixed proportion [[is]] corresponds to a fixed angle.

8. (Canceled).

9. (Currently Amended) The ~~graphic user interface~~ method of claim 1, all the limitation of which are incorporated herein by reference, wherein a total length of ~~the path region~~ said spiral trough is directly proportional to ~~an amount~~ a number of items in the entire ordered list.

10. (Currently Amended) The ~~graphic user interface~~ method of claim 1, all the limitation of which are incorporated herein by reference, further comprising ~~a display region that displays~~ displaying the subset of contiguous items of said entire ordered list around said spiral trough.

11. (Currently Amended) The ~~graphic user interface~~ method of claim 1, all the limitation of which are incorporated herein by reference, further comprising a ~~handle~~ rotating said thumb region along said spiral trough by a thumb manipulator ~~for maneuvering the handle region~~ of said graphical user interface.

12.   (Currently Amended) A ~~non-linear~~ method of displaying a spiral scrollbar, said method comprising:

~~a geometric center point;~~

~~an outer periphery region;~~

corresponding an entire ordered list of items to a spiraling trough, progressively winding tighter from ~~said~~ an outer periphery region towards ~~said~~ a geometric center ~~point and corresponding to a list of items in a computer application~~ of said spiraling trough, wherein said spiraling trough comprises:

at least one of an outerside region, corresponding to one end of said entire ordered list, or an innerside region, corresponding to another end of said entire ordered list; and

a thumb region, corresponding to a subset of contiguous items of said entire ordered list, wherein said thumb region is located inwardly from said outerside region and outwardly from said innerside region;

corresponding a rotatable thumb ~~that corresponds~~ to ~~an accessed~~ a portion of the entire ordered list of items, wherein said rotatable thumb is ~~extendable~~ locatable anywhere between said geometric center ~~point~~ and said outer periphery region;

~~a partition region that corresponds to predetermined transitions between items in the list;~~

manipulating a ~~handle~~ thumb manipulator ~~for maneuvering~~ to rotate the rotatable thumb, wherein rotating said ~~handle~~ thumb manipulator ~~maneuvers said rotatable thumb quicker towards said geometric center point than towards said outer periphery region~~ inwardly on said spiraling trough allows more rapid scrolling through said entire ordered list, when compared to rotating said rotatable thumb manipulator outwardly; and

~~a display adapted to display~~ displaying said spiraling trough, said thumb manipulator, and said rotatable thumb on said graphical user interface.

13.   (Currently Amended) The ~~non-linear scrollbar~~ method of claim 12, all the limitation of which are incorporated herein by reference, wherein as the rotatable thumb rotates, ~~the list of~~ a display of said subset of contiguous items of said entire ordered list of items ~~rotate~~ changes correspondingly.

14.   (Currently Amended) The ~~non-linear scrollbar~~ <u>method</u> of claim 12, <u>all the limitation of which are incorporated herein by reference,</u> wherein the ~~non-linear scrollbar~~ <u>spiraling trough</u> comprises a <u>smooth</u> spiral configuration.

15.   (Currently Amended) The ~~non-linear scrollbar~~ <u>method</u> of claim 12, <u>all the limitation of which are incorporated herein by reference,</u> wherein the ~~non-linear scrollbar~~ <u>spiraling tough</u> comprises a ~~square~~ <u>spiral</u> configuration <u>including right angles.</u>

16.   (Canceled).

17.   (Currently Amended) The ~~non-linear scrollbar~~ <u>method</u> of claim 12, <u>all the limitation of which are incorporated herein by reference,</u> wherein each ~~of the items in the~~ <u>item of said entire ordered</u> list is represented by a fixed proportion of the ~~non-linear scrollbar~~ <u>a length of said spiraling trough.</u>

18.   (Currently Amended) The ~~non-linear scrollbar~~ <u>method</u> of claim 12, <u>all the limitation of which are incorporated herein by reference,</u> wherein the ~~rotatable~~ <u>thumb</u> region is proportional to a fixed proportion of ~~the non-linear scrollbar~~ <u>a length of said spiraling trough.</u>

19.   (Currently Amended) The ~~non-linear scrollbar~~ <u>method</u> of claim 17, <u>all the limitation of which are incorporated herein by reference,</u> wherein the fixed proportion [[is]] <u>corresponds to</u> a fixed angle.

20.   (Canceled).

21.   (Currently Amended) The ~~non-linear scrollbar~~ <u>method</u> of claim 12, <u>all the limitation of which are incorporated herein by reference,</u> wherein a <u>total</u> length of the ~~non-linear scrollbar~~ <u>spiraling trough</u> is directly proportional to ~~an amount~~ <u>a number</u> of items in the <u>entire ordered</u> list.

22.   (Currently Amended) The ~~non-linear scrollbar~~ <u>method</u> of claim 12, <u>all the limitation of</u> <u>which are incorporated herein by reference,</u> wherein the <u>subset of contiguous items of said entire</u> <u>ordered</u> list of items ~~are arranged and~~ <u>is</u> displayed circumferentially around a perimeter of the ~~non-linear~~ <u>spiral</u> scrollbar.

23.   (Canceled).

24.   (Previously Presented) A method of ~~manipulating data through~~ <u>using a spiral scrollbar</u> <u>displayed on</u> a graphical user interface, said method comprising:

        ~~corresponding a non-linear scrollbar to a list of items in a computer application;~~

        ~~corresponding a non-linear rotatable region to an accessed portion of the list of items;~~

        ~~corresponding a partition region to predetermined transitions between items in the list;~~ ~~and~~

        ~~displaying said non-linear scrollbar~~

        <u>corresponding an entire ordered list of items in a computer application to a spiral trough</u> <u>of said spiral scrollbar, wherein a central region of said spiral trough corresponds to one end of</u> <u>said entire ordered list and an outermost region of said spiral trough corresponds to another end</u> <u>of said entire ordered list; and</u>

        <u>corresponding a thumb region located on a portion of said spiral trough to a subset of</u> <u>contiguous items of said entire ordered list, wherein rotating said thumb region inwardly on said</u> <u>spiral trough allows more rapid scrolling through said entire ordered list, when compared to</u> <u>rotating said thumb region outwardly.</u>

25.   (Currently Amended) The method of claim 24, <u>all the limitation of which are</u> <u>incorporated herein by reference,</u> wherein as the ~~rotatable region rotates~~ <u>thumb region is rotated,</u> <u>a display of the subset on contiguous items of</u> the <u>entire ordered</u> list of items ~~rotate~~ <u>changes</u> correspondingly.

26.   (Currently Amended) The method of claim 24, <u>all the limitation of which are</u>

incorporated herein by reference, wherein the ~~non-linear scrollbar~~ <u>spiral trough</u> comprises a <u>smooth</u> spiral configuration.

27. (Currently Amended) The method of claim 24, <u>all the limitation of which are</u> <u>incorporated herein by reference,</u> wherein the ~~non-linear scrollbar~~ comprises a ~~square~~ <u>spiral</u> configuration <u>including right angles</u>.

28. (Canceled).

29. (Currently Amended) The method of claim 24, <u>all the limitation of which are</u> <u>incorporated herein by reference,</u> wherein each ~~of the items in the~~ <u>item of said entire ordered</u> list <u>of items</u> is represented by a fixed proportion of the ~~non-linear scrollbar~~ <u>a length of said spiral</u> <u>trough</u>.

30. (Currently Amended) The method of claim 24, <u>all the limitation of which are</u> <u>incorporated herein by reference,</u> wherein the ~~rotatable~~ <u>thumb</u> region is proportional to a fixed proportion of ~~the non-linear scrollbar~~ <u>a length of said spiral trough</u>.

31. (Currently Amended) The method of claim 29, <u>all the limitation of which are</u> <u>incorporated herein by reference,</u> wherein the fixed proportion [[is]] <u>corresponds to</u> a fixed angle.

32. (Canceled).

33. (Currently Amended) The method of claim 24, <u>all the limitation of which are</u> <u>incorporated herein by reference,</u> wherein a <u>total</u> length of the ~~scrollbar~~ <u>spiral trough</u> is directly proportional to ~~an amount~~ <u>a number</u> of items in the <u>entire ordered</u> list.

34. (Currently Amended) The method of claim 24, <u>all the limitation of which are</u>

incorporated herein by reference, wherein the subset of contiguous items of said entire ordered list of items ~~are arranged and~~ is displayed circumferentially around a perimeter of the ~~non-linear~~ spiral scrollbar.

35.   (Currently Amended) The method of claim 24, all the limitation of which are incorporated herein by reference, further comprising ~~using a handle manipulator for maneuvering the rotatable region~~ rotating said thumb region along said spiral trough by a thumb manipulator of said graphical user interface.

36.   (New) The method of claim 6, all the limitation of which are incorporated herein by reference, wherein said thumb region comprises more than one turn of said spiral trough, corresponding to an angle greater than 360 degrees.

37.   (New) The method of claim 18, all the limitation of which are incorporated herein by reference, wherein said thumb region comprises more than one turn of said spiraling trough, corresponding to an angle greater than 360 degrees.

38.   (New) The method of claim 30, all the limitation of which are incorporated herein by reference, wherein said thumb region comprises more than one turn of said spiral trough, corresponding to an angle greater than 360 degrees.

39.   (New) The method of claim 1, wherein said entire ordered list of items corresponds lines of a document.

40.   (New) The method of claim 12, wherein said entire ordered list of items corresponds to lines of a document.

41.   (New) The method of claim 24, wherein said entire ordered list of items corresponds to lines of a document.